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CLAIMS:

What is claimed is:

- 5 1. A method in a data processing system for changing a plurality of target passwords in a single sign-on environment, comprising the steps of:
- in response to receiving a change instruction identifying a first single sign-on password, changing the first single sign-on password to create a second single sign-on password;
- 10 retrieving a target password; and
- modifying the target password in a user selected manner to match the second single sign-on password to create a modified target password.
- 15 2. The method as recited in claim 1, further comprising:
- storing the modified target password;
- responsive to a request from a user requesting access to an application, retrieving the modified target password; and
- 20 providing the changed target password to the requested application.
3. The method of claim 1, further comprising:
- transmitting the modified target password to a client.
- 25 4. The method as recited in claim 2, wherein the requested application is located at a client.
5. The method of claim 1, wherein the user is prompted to modify the target password from a menu of possible target password modification methods.
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6. The method in claim 5, wherein one of the possible target password modification methods is a common password source.

7. The method of claim 6, wherein the common password source is
5 the second single sign-on password.

8. The method of claim 5, wherein one of the possible target password modification methods is a user supplied source.

10 9. The method of claim 5, wherein one of the possible target password modification methods is a random supplied source.

10. The method of claim 9, wherein the random supplied source is from a server.

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11. The method of claim 9, further comprising:
determining a password policy; and
applying the password policy to generate random passwords.

20 12. The method of claim 11, wherein the password policy is a user level password policy.

13. The method of claim 11, wherein the password policy is an organizational level password policy.

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14. The method of claim 11, wherein the password policy is a cell level password policy.

15. The method of claim 5, wherein the menu of possible target
30 password modification methods is in a graphical user interface.

16. The method of claim 1, further comprising:

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responsive to a determination that a target password has been retrieved:

determining a change target password policy; and

applying the change target password policy to modify

5 the target password to match the second single sign-on password to create the modified target password.

17. The method of claim 16, wherein the change target password policy is applied at a user level.

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18. The method of claim 16, wherein the change target password policy is applied at an organizational level.

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19. The method of claim 16, wherein the change target password policy is applied at a cell level.

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20. A computer program product in computer readable media for use in a data processing system for changing a plurality of target passwords in a single sign-on environment, the computer program product comprising:

first instructions for, in response to receiving a change instruction identifying a first single sign-on password, changing the first single sign-on password to create a second single sign-on password;

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second instructions for retrieving a target password; and
third instructions for modifying the target password in a user selected manner to match the second single sign-on password to create a modified target password.

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21. The computer program product of claim 20, further comprising:

fourth instructions storing the modified target password;

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fifth instructions, responsive to a request from a user requesting access to an application, for retrieving the modified target password; and

sixth instructions, responsive to the fifth instructions,
5 for providing the modified target password to the requested application.

22. The computer program product as recited in claim 20, further comprising:

10 fourth instructions for transmitting the modified target password to a client.

23. The computer program product as recited in claim 21, wherein the requested application is located at a client.

15 24. The computer program product as recited in claim 20, wherein the user is prompted to modify the target password from a menu of possible target password modification methods.

20 25. The computer program product as recited in claim 24, wherein one of the possible target password modification methods is a common password source.

25 26. The computer program product as recited in claim 25, wherein the common password source is the second single sign-on password.

27. The computer program product as recited in claim 24, wherein one of the possible target password modification methods is a user supplied source.

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28. The computer program product as recited in claim 24, wherein one of the possible target password modification methods is a random supplied source.

5 29. The computer program product as recited in claim 28, wherein the random supplied source is from a server.

30. The computer program product as recited in claim 28, further comprising:

10 fourth instructions for determining a password policy; and
 fifth instructions, responsive to the fourth instructions,
for applying the password policy to generate random passwords.

15 31. The computer program product as recited in claim 30, wherein the password policy is a user level password policy.

32. The computer program product as recited in claim 30, wherein the password policy is an organizational password policy.

20 33. The computer program product as recited in claim 30, wherein the password policy cell level password policy.

25 34. The computer program product as recited in claim 24, wherein the menu of possible target password modification methods is in a graphical user interface.

35. The computer program product as recited in claim 20, further comprising:

30 fourth instructions for, responsive to a determination that
a target password has been retrieved, determining a change target
password policy; and

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fifth instructions for, responsive to the fourth instructions, applying the change target password policy to modify the target password to match the second single sign-on password to create the modified target password.

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36. The computer program product as recited in claim 35, wherein the change target password policy is applied at a user level.

37. The computer program product as recited in claim 35, wherein
10 the change target password policy is applied at an organizational level.

38. The computer program product as recited in claim 35, wherein the change target password policy is applied at a cell level.

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39. A system for changing a target password in a single sign-on environment, comprising:

in response to receiving a change instruction identifying a first single sign-on password, means for changing the first
20 single sign-on password to create a second single sign-on password;

means for retrieving a target password; and

means for modifying the target password in a user selected manner to match the second single sign-on password to create a
25 modified target password.

40. The system as recited in claim 39, further comprising:

means for storing the modified target password;

responsive to a request from a user requesting access to an
30 application, means for retrieving the modified target password;
and

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means for providing the modified target password to the requested application.

41. The system as recited in claim 39, further comprising:
5 transmitting the modified target password to a client.
42. The system as recited in claim 40, wherein the requested application is located at a client.
- 10 43. The system as recited in claim 39, wherein the user is prompted to modify the target password from a menu of possible target password modification methods.
44. The system as recited in claim 43, wherein one of the
15 possible target password modification methods is a common password source.
45. The system as recited in claim 44, wherein the common password source is the second single sign-on password.
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46. The system as recited in claim 43, wherein one of the possible target password modification methods is a user supplied source.
- 25 47. The system as recited in claim 43, wherein one of the possible target password modification methods is a random supplied source.
48. The system as recited in claim 47, wherein the random
30 supplied source is from a server.
49. The system as recited in claim 47, further comprising:

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means for determining a password policy; and
means for applying the password policy to generate random passwords.

5 50. The system as recited in claim 49, wherein the password policy is a user level password policy.

51. The system as recited in claim 49, wherein the password policy is an organizational level password policy.

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52. The system as recited in claim 49, wherein the password policy is a cell level password policy.

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53. The system as recited in claim 43, wherein the menu of possible target password modification methods is in a graphical user interface.

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54. The system as recited in claim 39, further comprising:
responsive to a determination that a target password has been retrieved, means for determining a change target password policy; and

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responsive to the means for determining a change target password policy, means for applying the change target password policy to modify the target password to match the second single sign-on password to create the modified target password.

55. The system as recited in claim 54, wherein the change target password policy is applied at a user level.

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56. The system as recited in claim 54, wherein the change target password policy is applied at an organizational level.

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57. The system as recited in claim 54, wherein the change target password policy is applied at a cell level.